Lynx-TE Amalgam

SA CFTE 42W/830 GX24Q-4 AMALGA

0027844

Range features

- Excellent luminous flux at high and low ambient temperatures
- Particularly suitable for use in the new generation of ultra compact fluorescent downlights and luminaires
- Amalgam technology designed for high temperature applications
- Excellent colour rendering - (CRI=85)
- To be operated on electronic ballasts only
- Dimmable with suitable dimmer
- Available in Warm White (3000K) and Cool White (4000K)
- Average rated life: 12000 hours

PRODUCT OVERVIEW

Light colour	830 Warm White
Ordering number	0027844
Technology	Compact Fluorescent
Energy class	A
Lamp shape	Stick
Lamp finish	Frosted
Dimmable	yes
Cap/Base	GX24q-4
Type	Lynx TE
EAN code	5410288278445
CRI (Ra)	82
Colour temperature (K)	3000
Luminous flux (Rated) (lm)	3200
Watt (Nominal) (W)	42
Voltage (V)	135

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DATA TABLE

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General data

Ordering number	0027844
Technology	Compact Fluorescent
Average life (Nominal) (h)	12000
Energy class	A
Lamp finish	Frosted
Lamp shape	Stick
Dimmable	yes
Cap/Base	GX24q-4
Type	Lynx TE
EAN code	5410288278445
E-number FI	4943893
E-number SE	8357425
Long description	Excellent luminous flux at high and low ambient temperatures. Particularly suitable for use in the new generation of ultra compact fluorescent downlights and luminaires. Amalgam technology designed for high temperature applications. Excellent colour rendering - (CRI=85). To be operated on electronic ballasts only. Dimmable with suitable dimmer. Available in Warm White (3000K) and Cool White (4000K). Average rated life: 12000 hours
Product name	SA CFTE 42W/830 GX24Q-4 AMALGA
Lamp mercury content (mg)	1.3
Starting time (max) (s)	0.1
Warm-up time to 60% of full light (max) (s)	60
Control gear required	Yes
Fixture rating	Open
IEC Reference	IEC 60901
IEC Reference 2	IEC 61199
Intended purpose	General lighting
Special purpose lamp	No
Transformer required	No
Sales pack quantity	10
Rated survival factor at 2000 h 50Hz	0,99*
Rated survival factor at 2000 h High Frequency	> 0.99
Rated survival factor at 4000 h 50Hz	0,99*
Rated survival factor at 4000 h High Frequency	> 0.98
Rated survival factor at 6000 h 50Hz	0,96*
Rated survival factor at 6000 h High Frequency	> 0.95
Rated survival factor at 8000 h 50Hz	0,88*
Rated survival factor at 8000 h High Frequency	> 0.92
Rated survival factor at 12000 h 50Hz	0,53*
Rated survival factor at 12000 h High Frequency	> 0.88
Rated survival factor at 16000 h High Frequency	> 0.80
Rated survival factor at 20000 h High	> 0.50

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Frequency	

Optical data

Light colour	830 Warm White
CRI (Ra)	82
Colour temperature (K)	3000
Luminous flux (Nominal) (lm)	3200
Luminous flux (Rated) (lm)	3200
Ambient temperature for maximum luminous flux (°C)	25
Rated lumen maint. factor at 2000 h 50Hz	0,9*
Rated lumen maint. factor at 4000 h 50Hz	0,84*
Rated lumen maint. factor at 6000 h 50Hz	0,83*
Rated lumen maint. factor at 8000 h 50Hz	0,81*
Rated lumen maint. factor at 12000 h 50Hz	0,8*
Rated lumen maint. factor at 2000 h High Frequency	> 0.92
Rated lumen maint. factor at 4000 h High Frequency	> 0.88
Rated lumen maint. factor at 6000 h High Frequency	> 0.86
Rated lumen maint. factor at 8000 h High Frequency	> 0.84
Rated lumen maint. factor at 12000 h High Frequency	> 0.80
Rated lumen maint. factor at 16000 h High Frequency	> 0.78
Rated lumen maint. factor at 20000 h High Frequency	> 0.75

Electrical data

kWh per 1000 hours burning time	47
Rated lamp efficacy (lm/W) 100H 50Hz at optimum temp.	74
Watt (Rated) (W)	43
Watt (Nominal) (W)	42
Voltage (V)	135
Ignition voltage (V)	0
Current (A)	0.32

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Physical data

Weight (kg)	0.11
Length base to base (mm) - A	163.2
Lamp Length (mm) - C/L	155
Max. Lamp Diameter (mm) - D	49.3
Single packaging type	Box/Sleeve
Single package dimensions (L x W x H) (cm)	5.10 x 4.70 x 17.20
Outer package dimensions (L x W x H) (cm)	26.70 x 10.30 x 18.60

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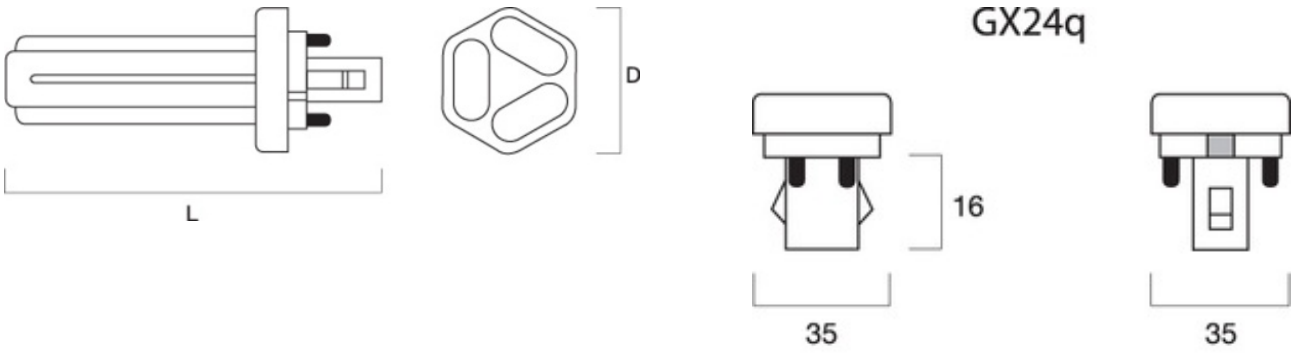
TECHNICAL DRAWINGS



ENERGY LABEL